



State of Idaho
Department of Administration
Division of Public Works

BRAD LITTLE
Governor
KEITH REYNOLDS
Director
PAT DONALDSON
Administrator

502 North 4th Street
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Telephone (208) 332-1900
www.dpw.idaho.gov

August 16, 2021

REQUEST FOR QUALIFICATIONS (RFQ)

TO: CONSTRUCTION MANAGER/GENERAL CONTRACTORS (CM/GC)
FROM: Pat Donaldson, DPW Administrator *[Signature]*
SUBJECT: DPW PROJECT NO. 21190
BSU: Renovations / upgrades, Labs
Science Building
Boise, Idaho

BIM

Proposals will be received at the Division of Public Works (DPW) office, located at 502 N. 4th Street, PO Box 83720 Boise, ID 83720-0072, until **Thursday, September 9th, 2021, at 3:00 p.m.**, Mountain Standard Time for furnishing construction manager/general contractor (CM/GC) services to the State of Idaho.

Questions that arise as a result of this Request for Qualifications should be addressed to:

Lindsay Erb, DPW Project Manager
Division of Public Works
502 N. 4th St.
PO Box 83720
Boise ID 83720-0072
(208) 407-8222 (cell)

Modifications (addenda) to this RFQ, if any, will be posted on the Division of Public Works web page at <https://dpw.idaho.gov/professional-services/>. It is recommended that responders to this RFQ check this page prior to making their submittal.

An informational meeting will be held on **August 26, 2021 at 11:00 am** at BSU Science Building located at 2133 W. Cesar Chavez Lane, Boise, Idaho. Interested parties should meet at the main entrance of the Education / Science Building to receive a tour of the scope of work and answer questions. Paid visitor parking available in either lots adjacent to 'B' plaza or on of the parking structures.

This project will be funded by State Funds. The Division of Public Works (DPW) will administer the project according to the terms and conditions of the award, State laws and guidelines. The

Construction Manager / General Contractor (CM/GC) team will receive general instructions through the State. A Project Manager from DPW has been assigned to serve as project manager and liaison between the Department of Administration, the Agency, and the CM/GC team.

The CM/GC shall warrant that it does not knowingly hire or engage any illegal aliens or persons not authorized to work in the United States. The CM/GC shall take steps to verify that it does not hire or engage any illegal aliens or persons not authorized to work in the United States; and that any misrepresentation in this regard or any employment of persons not authorized to work in the United States constitutes a material breach and shall be cause for the imposition of monetary penalties and/or termination of any Contract resulting from this bid.

DESCRIPTION OF PROJECT

The Science Building at Boise State University has been going through a phased remodel and update of existing laboratories that still have original casework, fume hoods, and miscellaneous finishes. Updates include, but are not limited to, new casework, sinks, emergency equipment, lab resistance counter tops, and modern fume hoods as well as HVAC integration to updated building exhaust system. The project scope includes remodeling of two (2) existing chemistry labs on the 3rd floor of the Science Building at Boise State University (305 and 308). The work in these two labs involve demolition of casework, installation of new casework and associated utility work. These two labs need to be completed during a summer build period of approximately 3 months (May – August) to remain online during fall and spring semesters due to student load and curriculum.

The project also includes fume hood integration to mechanical systems and ventilation upgrades in Biology Research labs located on the 2nd floor of the Science Building. Four (4) of the research labs on the 2nd floor will also have existing casework modifications to integrate new fume hoods.

The construction of this project will occur in a partially occupied building with the areas of work identified for construction purposes only. Phasing and adjustments to overall scope of the project will be developed during pre-design services provided by selected CM/GC in conjunction with the agency, DPW, and the design team.

Abatement may be required and will be contracted by DPW with a State of Idaho regional or service contractor.

The Design Team has recently completed the design development phase and is on hold until selection is completed of the CM/GC team.

REQUIRED SERVICES

The State of Idaho, through the Division of Public Works is requesting proposals for Construction Manager/General Contractor Services beginning with design phase / pre- construction services through project construction, including the one-year period of correction following project completion. The Division of Public Works and Boise State University (BSU) are looking for a Construction Manager who will be a team player eager to work closely and in harmony with the DPW, BSU and the Design Team.

A total project budget has been established at \$1,450,000.00 and includes fees (A/E and CM/GC), commissioning services, contingencies, tests, and other project related expenses. A construction budget has been set at \$1,140,000.00. A complete construction cost estimate and construction schedule will be required following CM/GC's review of existing Design Development set of drawings and must be updated after

construction documents are completed. Due to timing of the project, value engineering, product procurement and lead times will be essential to maintain the anticipated construction schedule.

The CM/GC will be required to meet as needed, but not less than twice a month, with the Owner and DPW for the purpose of providing a report regarding the previous month's progress. Such meetings will: advise the team of projected project cost and related value engineering; include critical path schedules, show funds expended in the completion of the project and specific accomplishments related to the completion of the project.

The CM/GC shall be licensed as a Public Works Construction Manager and as a Public Works Licensed General Contractor by the State of Idaho. Firms proposing for these services shall hold and maintain a certificate of authority for providing construction management services.

The CM/GC will be required to upload all documents to DPW's cloud-based project management system, Projectmates. Documents may include, but are not limited to meeting minutes, sketches, diagrams, programming analysis, photographs relevant to the project, submittals, field reports, schedules, cost estimates, RFI's, close out documents, warranties, etc.

The CM/GC in conjunction with the design team shall keep in mind that during all phases, code compliance, energy efficiency, and building maintenance concerns should be incorporated into the design.

The CM/GC will be required to provide payment and performance bond or bonds in the amount of the total construction management contract.

QUALIFICATION STATEMENT CONTENT

A. **Basic Qualifications:** Provide basic data relative to the CM/GC team's size, history, personnel, resources available to meet the project schedule, production capabilities and general information. Individual resumes, awards, associations, etc., may be included. Office brochures should be submitted separately as supplemental data (an electronic link to firm's website is acceptable).

The Division of Public Works reserves the right to investigate and confirm the candidate's financial responsibility. This may include financial statements, bank references and interviews with past consultants, employees and creditors. Unfavorable responses to these investigations are grounds for rejection of RFQ submittal.

B. **Specific Qualifications:** List the actual team expected to accomplish the work. Describe who will perform the various tasks, the amount of their involvement and responsibilities, their qualifications, and relevant special expertise. In addition, provide the following:

1. List the most recently completed project as a CM/GC. Name the project, the Owner, the Architect, and the cost of construction.
2. List all current relevant projects including name of the Owner, Architect, construction delivery method, and total of expected construction costs.

C. **Approach to Project:** Based on proposer's knowledge of this project, list the CM/GC services proposed to be provided within pre-construction services. Include a statement of your

approach to this specific project, including understanding of project scope and schedule, challenges and opportunities as well as alternative concepts and methods for consideration. Identify how the CM/GC will participate in value engineering as well as analyzing building systems after review of Design Development Set and into Construction Documents. Identify quality control efforts during pre-design services and through out construction. Identify procurement management and how to address current construction environment, material / labor shortage, long lead times, etc.

D. **Examples of Work:** Project schedules, cost estimates, photographs, and applicable documents may be submitted as examples of your work. For CM/GC's who have done work for the Division of Public Works in the past seven years, a reference to the project or projects will be sufficient in lieu of examples.

E. **Past Performance:** Submit recent reference letters from prior clients or client representatives. Letters from projects listed in item B are preferable. In addition, past performance comments may be obtained from Division of Public Works and Agency staff.

F. **Format:** To assist evaluation it is desirable to format the submittal similar to the headings listed above. The submittals should be clear and to the point. Emphasis should be placed on specific qualifications of the people who will perform the project and the approach to the project.

SUBMITTAL

Submit one (1) hard copy of the submittal; include one USB drive containing a PDF of the submittal in an envelope adhered to the hard copy. In your RFQ cover letter, include the email address of the primary contact person; **failure to provide this information may result in the proposal being nonresponsive.**

EVALUATION, INITIAL RANKING

A selection committee consisting of two (2) persons from DPW, two (2) persons from Boise State University, and an independent Professional will rank the submittals. At least three (3), but not more than five (5), firms may be selected for presentation-interviews. The initial ranking criteria will be weighted according to the following:

| | Criteria | Maximum Possible Points |
|---|-------------------------|-------------------------|
| A | Basic Qualifications | 10 |
| B | Specific Qualifications | 30 |
| C | Approach to Project | 35 |
| D | Examples of Work | 10 |
| E | Past Performance | 10 |

| | | |
|---|--------|-----|
| F | Format | 5 |
| | | 100 |

EVALUATION, FINAL RANKING, INTERVIEW PROCESS

The CM/GC's invited for a presentation-interview will receive a final score based on the selection committee's final ranking of the criteria noted below. It is anticipated that the CM/GC will be presenting via Zoom or some similar online platform. Each presentation-interview will be a maximum of one hour: 25-30 minutes to recapitulate qualifications A-E and demonstrate via verbal and virtual communication the ability to complete the pre-design services through the construction document phase and onto construction; 15-20 minutes for the selection committee to ask questions; and 5-10 minutes for the CM/GC to ask the committee questions and provide their closing comments.

| Criteria | Maximum Possible Points |
|--|-------------------------|
| Virtual and Verbal Demonstration of Qualifications | 40 |
| Special Requirements | 20 |
| Q & A | 20 |
| Communication Skills | 20 |
| | 100 |

PROPOSED DATES:

| | |
|---------------------------------|--|
| Informational Walk-thru Meeting | August 26, 2021 |
| Receive RFQ Submittals | September 9, 2021 |
| Oral Interviews | September 29 th / 30 th , 2021 |
| PBFAC Selection Approval | October 6, 2021 |
| Negotiate Contract | October 2021 |

SELECTION

The State will attempt to select a firm at the next scheduled Permanent Building Fund Advisory Council meeting. Upon selection of a firm, the State will issue a letter of intent. However, final award is contingent upon the successful negotiation of an Agreement.

The contents of the submittal may be used in a legal contract or agreement. Candidates should be aware that methods and procedures proposed could become contractual obligations. The successful firm will be required to sign an agreement including the State's standard terms, including a requirement to carry and maintain a minimum of \$1,000,000 professional liability insurance coverage, except in special circumstances. An example of the State of Idaho's CM/GC Agreement can be found on the DPW website <https://dpw.idaho.gov/docs-forms-guides>.

The State reserves the right to reject any or all proposals received as a result of this request.

The State may also negotiate separately with any source in any manner necessary to serve the best interests of the State of Idaho. Awards will be made on the basis of submittals resulting from this request and subsequent interviews and the associated ranking criteria noted above.

Attachments:

1. Design Development Set – Not for Construction

End 21190 CM/GC RFQ

DD SET

NOT FOR
CONSTRUCTION

KEYNOTES

1. SEE NOTES IN THIS BOOK.
2. EXISTING OPERATIONAL DEMONSTRATION FACILITY. REMOVAL PROTECTION TO REMAIN.
3. CONSTRUCTION SEQUENCES TO BE MAINTAINED IN PLACE.
4. CONSTRUCTION SEQUENCES TO BE MAINTAINED IN PLACE.
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6. CONSTRUCTION SEQUENCES TO BE MAINTAINED IN PLACE.
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9. CONSTRUCTION SEQUENCES TO BE MAINTAINED IN PLACE.
10. CONSTRUCTION SEQUENCES TO BE MAINTAINED IN PLACE.

BSU: RENOVATIONS / UPGRADES / CHEM LABS. SCIENCE BUILDING DPW NO. 21190 703 W. GARDNER AVENUE BOISE, ID 83725

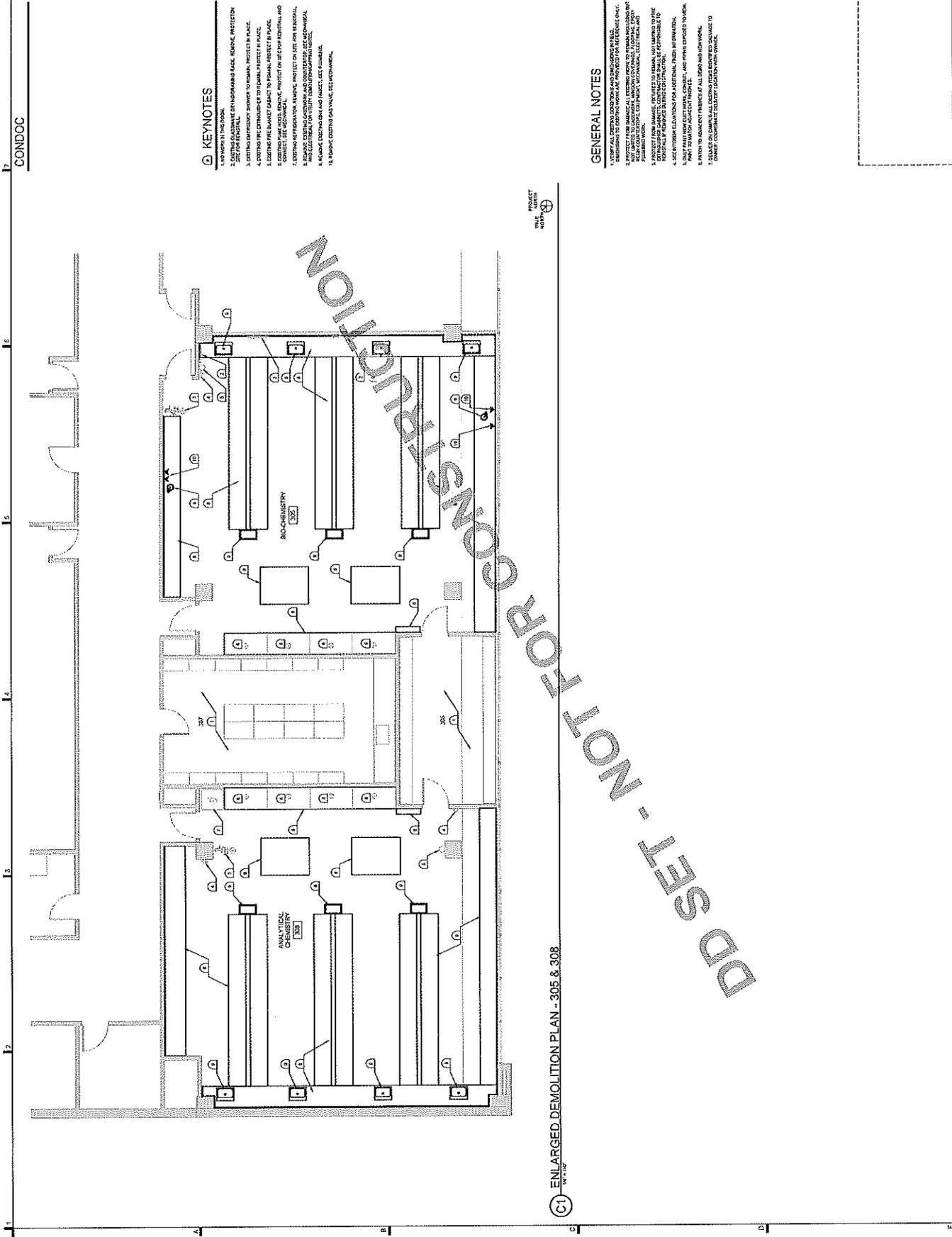
BOISE STATE UNIVERSITY



MECHANICAL ELECTRICAL PLUMBING (MEP) WORK TO BE DEMOLISHED WITH CONCRETE

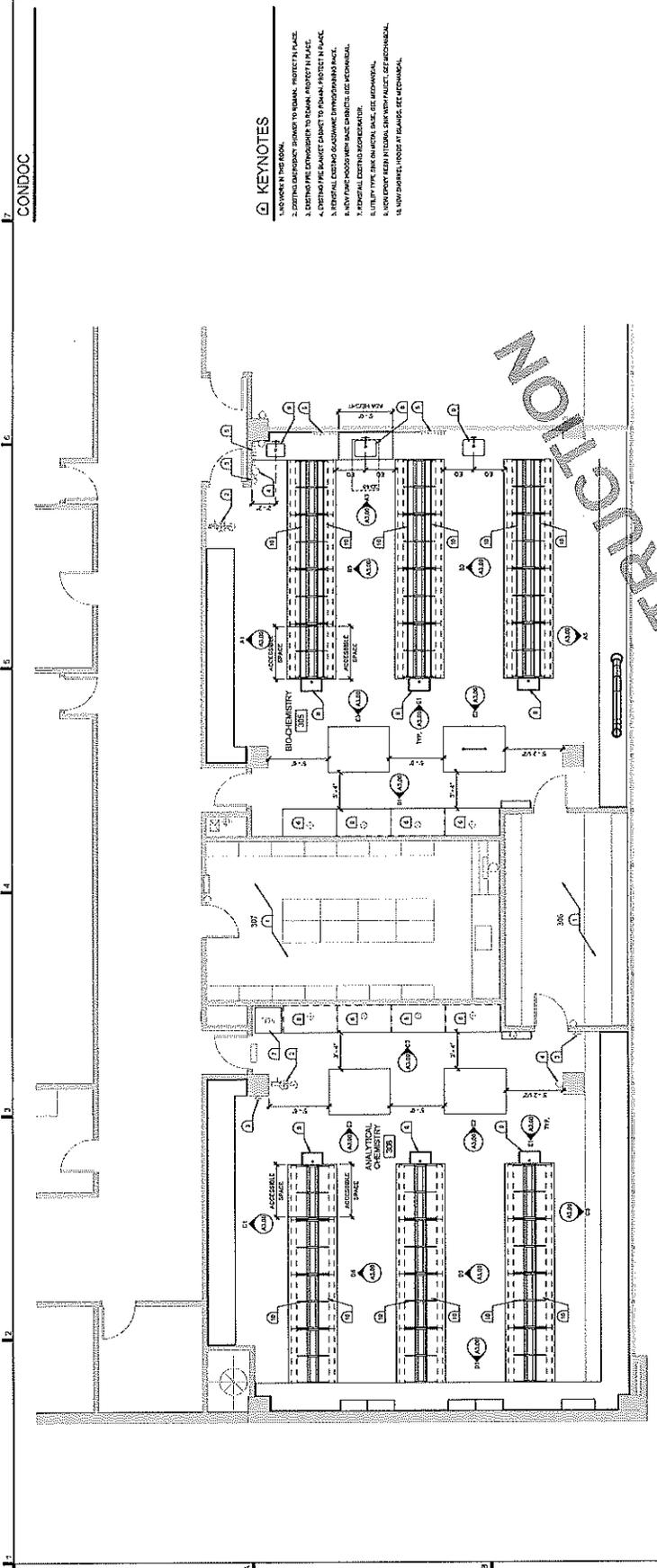
- GENERAL NOTES
1. EXISTING OPERATIONAL DEMONSTRATION FACILITY. REMOVAL PROTECTION TO REMAIN.
 2. EXISTING OPERATIONAL DEMONSTRATION FACILITY. REMOVAL PROTECTION TO REMAIN.
 3. CONSTRUCTION SEQUENCES TO BE MAINTAINED IN PLACE.
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THIRD FLOOR ENLARGED DEMOLITION PLAN



(C1) ENLARGED DEMOLITION PLAN - 305 & 308

PROJECT
DATE

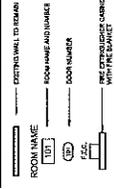


- KEYNOTES**
1. WORK IN THIS ROOM.
 2. CONTROL SURROUNDING DAMAGED TO EQUAL PROTECT IN PLACE.
 3. DESTROY THE EQUIPMENT TO BE REMOVED IN PLACE.
 4. DESTROY THE CABINET TO BE REMOVED IN PLACE.
 5. DESTROY THE BENCH TO BE REMOVED IN PLACE.
 6. DESTROY THE BENCH TO BE REMOVED IN PLACE.
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 9. DESTROY THE BENCH TO BE REMOVED IN PLACE.
 10. DESTROY THE BENCH TO BE REMOVED IN PLACE.

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE BOISE CITY CODE AND THE BOISE CITY PLUMBING, MECHANICAL AND ELECTRICAL CODES.
2. PROTECT FROM DAMAGE ALL EXISTING WORK TO REMAIN INCLUDING BUT NOT LIMITED TO THE FOLLOWING: MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL, INTERIORS, EQUIPMENT, MECHANICAL, ELECTRICAL AND PLUMBING.
3. PROTECT FROM DAMAGE ALL EXISTING WORK TO REMAIN INCLUDING BUT NOT LIMITED TO THE FOLLOWING: MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL, INTERIORS, EQUIPMENT, MECHANICAL, ELECTRICAL AND PLUMBING.
4. SEE EXISTING DRAWINGS FOR ADDITIONAL WHICH INFORMATION.
5. ONLY FRESH AIR DUCT WORK, CONDENSATE AND PIPING EXPOSED TO VIEW SHALL BE MATCH-ADAPTED FINISH.
6. VERIFY ALL DIMENSIONS ON EXISTING WALLS PRIOR TO FABRICATION.
7. ALL WORK SHALL BE IN ACCORDANCE WITH THE BOISE CITY CODE AND THE BOISE CITY PLUMBING, MECHANICAL AND ELECTRICAL CODES.
8. VERIFY ALL DIMENSIONS ON EXISTING WALLS PRIOR TO FABRICATION.
9. ALL WORK SHALL BE IN ACCORDANCE WITH THE BOISE CITY CODE AND THE BOISE CITY PLUMBING, MECHANICAL AND ELECTRICAL CODES.
10. VERIFY ALL DIMENSIONS ON EXISTING WALLS PRIOR TO FABRICATION.
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20. VERIFY ALL DIMENSIONS ON EXISTING WALLS PRIOR TO FABRICATION.

FLOOR PLAN LEGEND



ROOM FINISH SCHEDULE

| ROOM NO. | ROOM NAME | FLOOR FINISH | WALL FINISH | CEILING FINISH | DOOR FINISH | WINDOW FINISH | STAIR FINISH | ESCAPE FINISH | ESCAPE FINISH |
|----------|------------|--------------|-------------|----------------|-------------|---------------|--------------|---------------|---------------|
| 301 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 302 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 303 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 304 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 305 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 306 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 307 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 308 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 309 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 310 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 311 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 312 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 313 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 314 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 315 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 316 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 317 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 318 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 319 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| 320 | LABORATORY | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |

MATERIAL LEGEND

- 1.04 POLYURETHANE QUARTZ FLOOR
- 1.05 POLYURETHANE QUARTZ FLOOR
- 1.06 POLYURETHANE QUARTZ FLOOR
- 1.07 POLYURETHANE QUARTZ FLOOR
- 1.08 POLYURETHANE QUARTZ FLOOR
- 1.09 POLYURETHANE QUARTZ FLOOR
- 1.10 POLYURETHANE QUARTZ FLOOR
- 1.11 POLYURETHANE QUARTZ FLOOR

ROOM FINISH REMARKS

- 1.04 POLYURETHANE QUARTZ FLOOR
- 2. PART FLOOR METAL FLOOR FRAMES

54 ENLARGED FLOOR PLAN - 305 & 308

NOT FOR CONSTRUCTION
 DD SET - TESTS

CONDOR

KEYNOTES

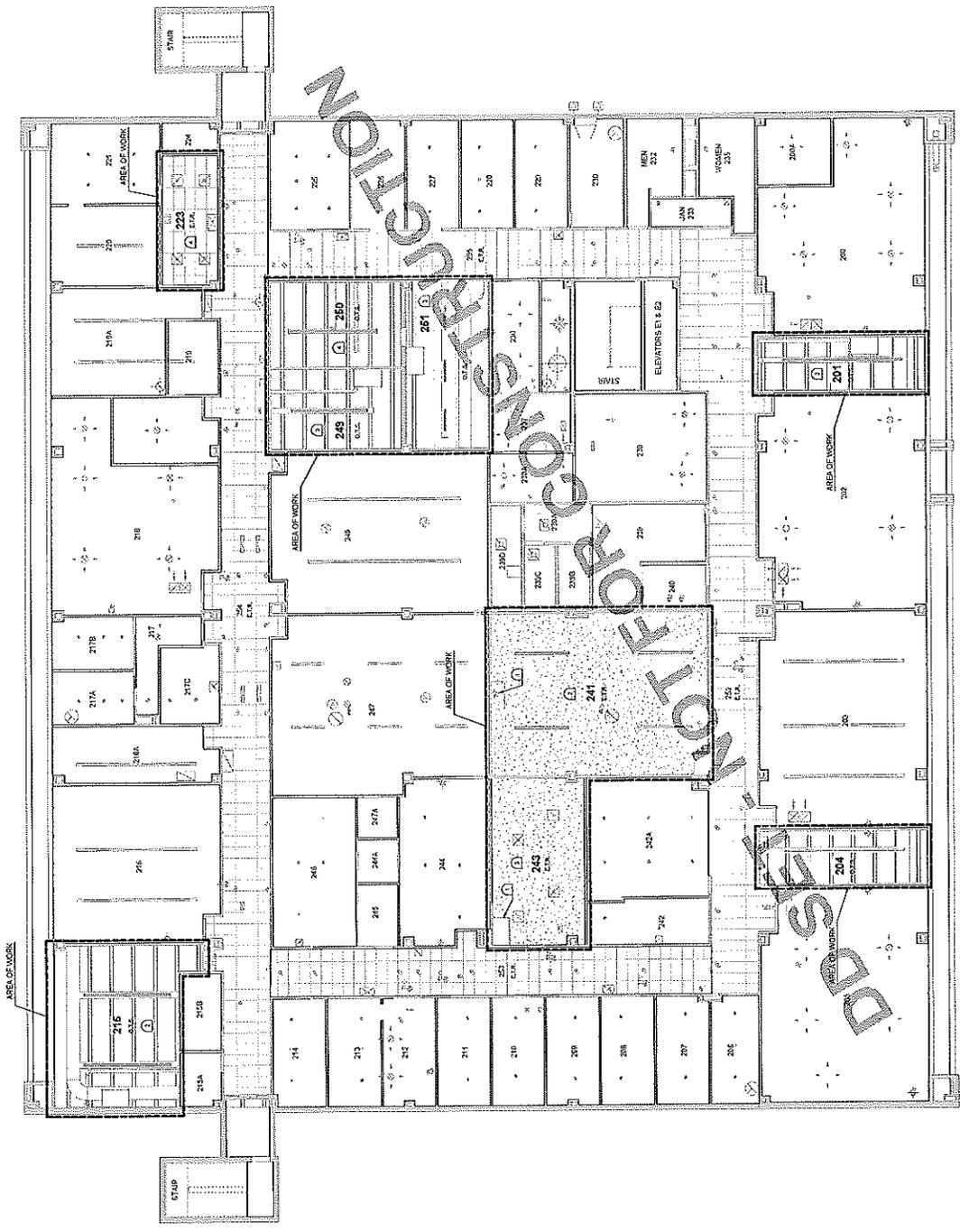
- 1. FLOOR CEILING AND FINISHES SHALL BE IN ACCORDANCE WITH THE BOISE STATE UNIVERSITY DESIGN AND CONSTRUCTION STANDARDS.
- 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE BOISE STATE UNIVERSITY DESIGN AND CONSTRUCTION STANDARDS.
- 3. ALL WORK SHALL BE IN ACCORDANCE WITH THE BOISE STATE UNIVERSITY DESIGN AND CONSTRUCTION STANDARDS.
- 4. ALL WORK SHALL BE IN ACCORDANCE WITH THE BOISE STATE UNIVERSITY DESIGN AND CONSTRUCTION STANDARDS.

CEILING LEGEND

- WALL MOUNTED LIGHT FIXTURE
- SUSPENDED LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- HANG JERRY VESTIBULE
- HANG RETURN GRILLE
- HANG CEILING PANEL

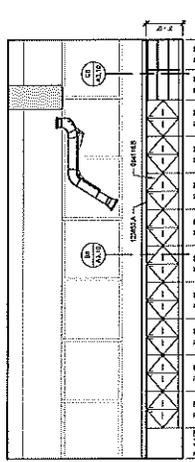
GENERAL NOTES

1. VERIFY ALL CONDITIONS AND CONDITIONS BEFORE FIELD.
2. VERIFY ALL CONDITIONS AND CONDITIONS BEFORE FIELD.
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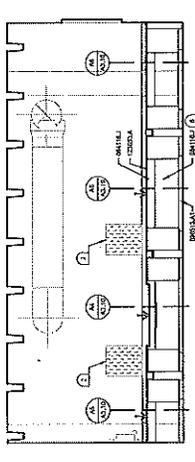


(E) SECOND FLOOR REFLECTED CEILING PLAN

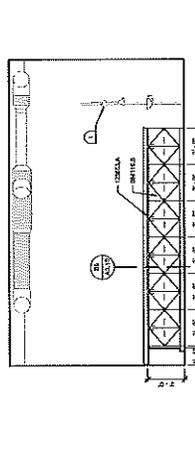
CONDOC
 1. ALL CABINETS TO BE 18" DEEP
 2. ALL CABINETS TO BE 36" HIGH
 3. ALL CABINETS TO BE 24" WIDE
 4. ALL CABINETS TO BE 12" DEEP
 5. ALL CABINETS TO BE 12" HIGH



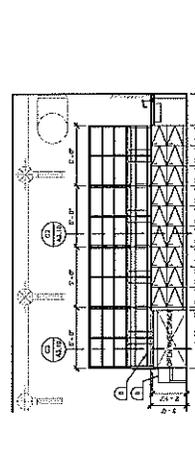
A3 305 - SOUTH ELEVATION



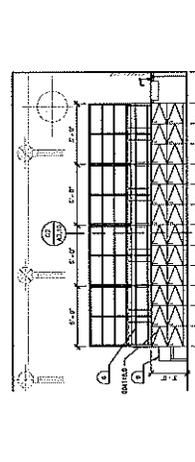
A3 305 - EAST ELEVATION



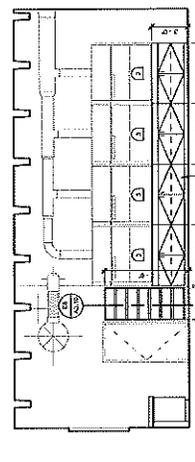
A1 305 - NORTH ELEVATION



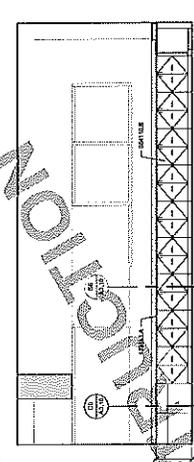
B3 305 - ISLAND ELEVATION - ADA



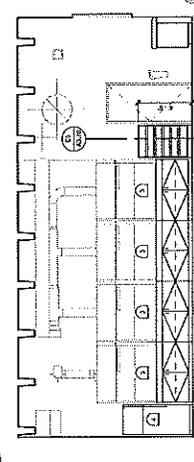
B3 305 - ISLAND ELEVATION



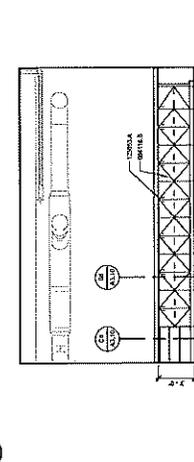
B1 305 - WEST ELEVATION



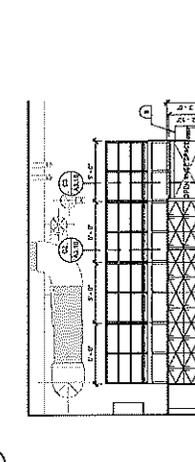
C3 308 - SOUTH ELEVATION



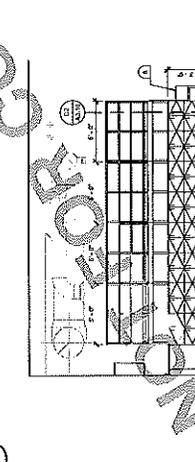
C3 308 - EAST ELEVATION



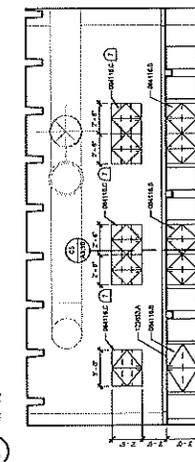
C1 308 - NORTH ELEVATION



D3 308 - ISLAND ELEVATION - ADA



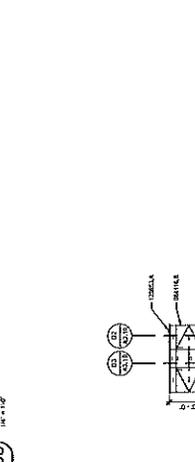
D3 308 - ISLAND ELEVATION



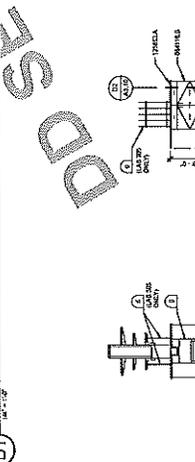
D1 308 - WEST ELEVATION



E1 END ELEVATION



E2 CABINET ELEVATION



E3 CABINET ELEVATION

KEYNOTES
 1. EXISTING CABINETS TO REMAIN, PROTECT IN PLACE.
 2. EXISTING COUNTERS TO REMAIN, PROTECT IN PLACE.
 3. EXISTING SINKS TO REMAIN, PROTECT IN PLACE.
 4. EXISTING DISHWASHERS TO REMAIN, PROTECT IN PLACE.
 5. EXISTING STOVE TO REMAIN, PROTECT IN PLACE.
 6. EXISTING REFRIGERATOR TO REMAIN, PROTECT IN PLACE.
 7. EXISTING CUPBOARD TO REMAIN, PROTECT IN PLACE.
 8. EXISTING CABINETS TO CENTER ON BASE CABINETS BELOW.
 9. ALL NEW PIPE WORK TO BE INSTALLED AS PER MECHANICAL.

GENERAL NOTES
 1. ALL WALL SURFACES TO BE PAINTED.
 2. ALL WALL SURFACES TO BE PAINTED WITH A HIGH QUALITY INTERIOR WALL PAINT.
 3. ALL WALL SURFACES TO BE PAINTED WITH A HIGH QUALITY INTERIOR WALL PAINT.
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 7. ALL WALL SURFACES TO BE PAINTED WITH A HIGH QUALITY INTERIOR WALL PAINT.
 8. ALL WALL SURFACES TO BE PAINTED WITH A HIGH QUALITY INTERIOR WALL PAINT.
 9. ALL WALL SURFACES TO BE PAINTED WITH A HIGH QUALITY INTERIOR WALL PAINT.

CONDUC
 1. ALL CABINETS TO BE 18" DEEP
 2. ALL CABINETS TO BE 36" HIGH
 3. ALL CABINETS TO BE 24" WIDE
 4. ALL CABINETS TO BE 12" DEEP
 5. ALL CABINETS TO BE 12" HIGH

NOT FOR CONSTRUCTION

BOISE STATE UNIVERSITY

MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION
 2015 W. WYOMING AVENUE
 BOISE, IDAHO 83725

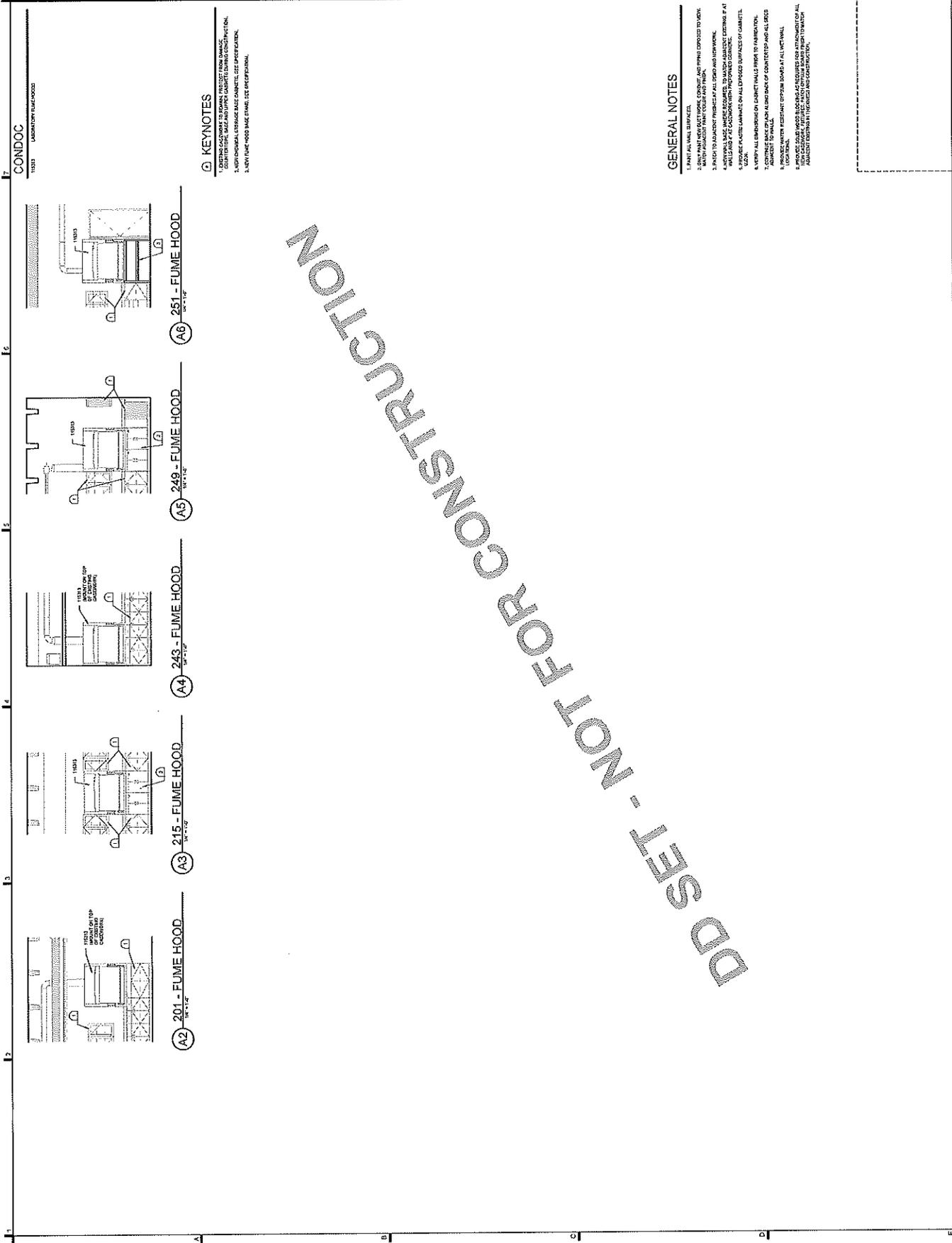
DATE: 08/14/15
 DRAWING NO: 15000
 PROJECT: 305 CONDOC

DESIGNED BY: [Name]
 CHECKED BY: [Name]
 DATE: 08/14/15

SCALE: AS SHOWN

INTERIOR ELEVATIONS

A3.00



KEYNOTES

1. EXISTING FACEDWORK TO REMAIN. FINISHES FROM EXISTING FACEDWORK TO REMAIN.

2. NEW FUME HOODS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING:

3. NEW FUME HOODS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING:

GENERAL NOTES

1. FUME HOODS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING:

2. ONLY PART NEW NETWORK, CONTROL AND SIGNAL CIRCUITS TO WORK WITH EXISTING PART FUME HOODS.

3. FINISHES TO ADJUST FINISHES BY ALL SIDES AND TOPWORK.

4. ALL FINISHES TO BE IN ACCORDANCE WITH THE FOLLOWING:

5. PROVIDE PLASTER LAMINATE ON ALL EXPOSED SURFACES OF CABINETS.

6. VERIFY ALL DIMENSIONS OF CABINET SHALL BE TO FINISH TOP, BOTTOM, AND SIDE.

7. CONTROL BACKS OF EACH ALUMINUM FACE OF CONTROL TOP AND ALL SIDES ADJACENT TO WALL.

8. VERIFY ALL DIMENSIONS OF CONTROL SHALL BE TO FINISH TOP, BOTTOM, AND SIDE.

9. PROVIDE SOLID WOOD BLOCKS AS REQUIRED FOR ATTACHMENT OF ALL CABINETS TO WALLS AND CEILING.

10. VERIFY ALL DIMENSIONS OF CABINETS SHALL BE TO FINISH TOP, BOTTOM, AND SIDE.



**LOMBARD
CONRAD
ARCHITECTS**

1000 WEST CENTER STREET
BOISE, IDAHO 83725
PHONE: 208.333.1111
WWW.LOMBARDCONRAD.COM



**MUSGROVE
ENGINEERING, P.A.**

241 E. WASHINGTON WAY
BOISE, IDAHO 83725
PHONE: 208.333.1111
WWW.MUSGROVEENGINEERING.COM

KEYED NOTES:
○ INCLUDES TOP QUALITY

Project Name
215 W. GARDNER PARKWAY, SUITE 100
BOISE, IDAHO 83725

BOISE STATE UNIVERSITY

B

CONSULTING ARCHITECT
MECHANICAL/ELECTRICAL/PLUMBING
215 W. GARDNER PARKWAY, SUITE 100
BOISE, IDAHO 83725
PHONE: 208.333.1111

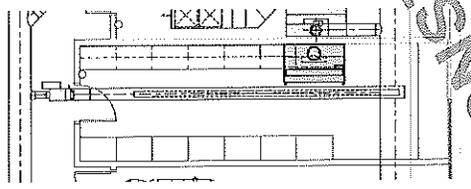
DATE: _____
PROJECT NUMBER: _____
DESIGNED BY: _____
CHECKED BY: _____
SCALE: _____

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |

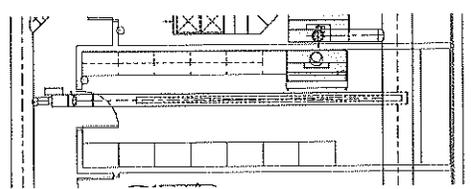
2ND FLOOR ENLARGED MECHANICAL PLANS

SHEET NO. **M1.11**

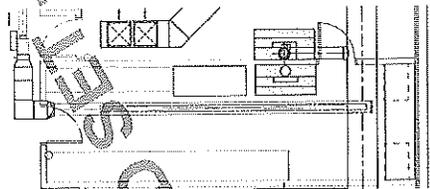
CITY APPROVAL AREA



2 2nd FLOOR ROOM 201 MECH BASE BID PLAN-NEW
1/4" = 1'-0"



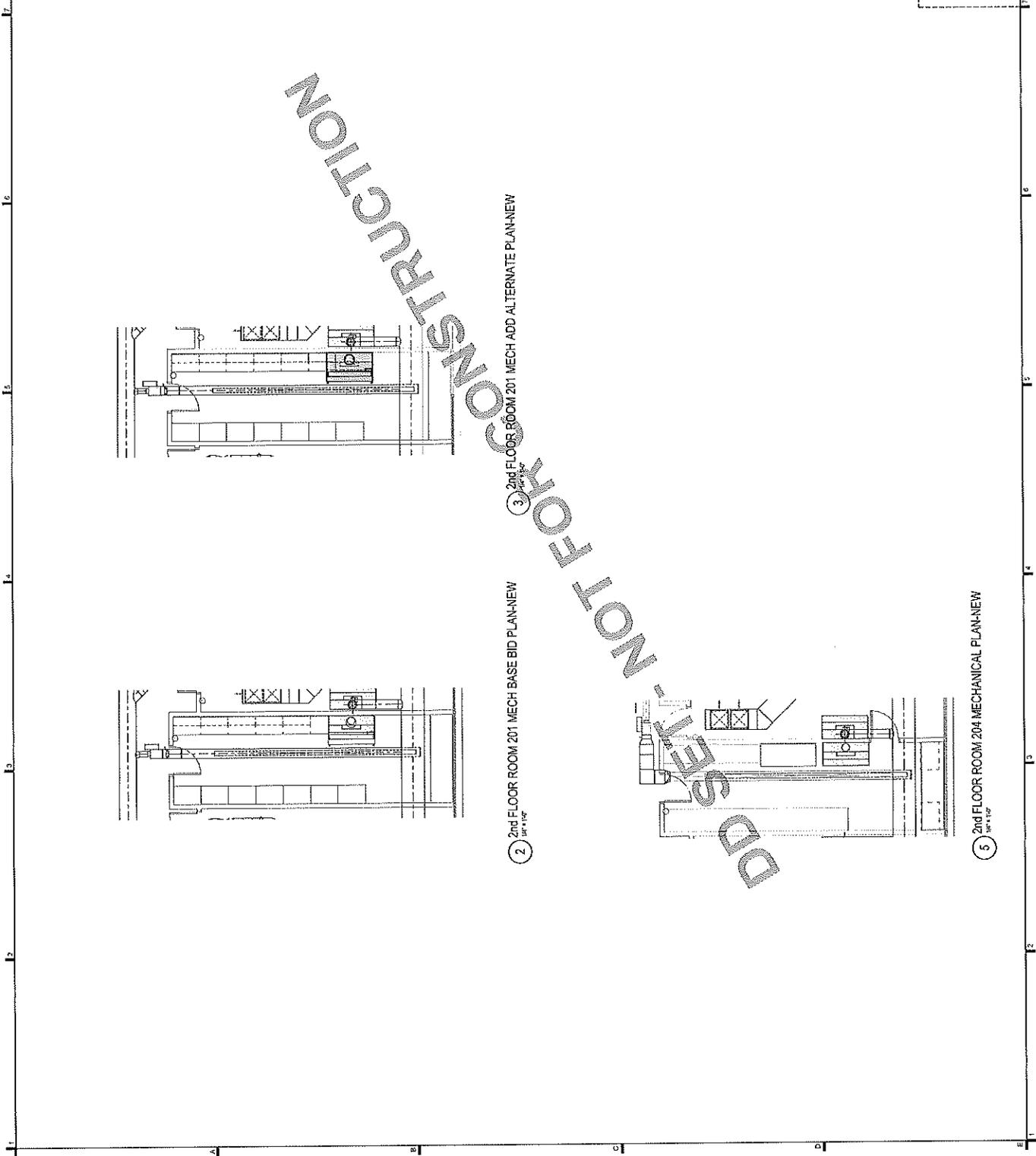
3 2nd FLOOR ROOM 201 MECH ADD ALTERNATE PLAN-NEW
1/4" = 1'-0"



5 2nd FLOOR ROOM 204 MECHANICAL PLAN-NEW
1/4" = 1'-0"

NOT FOR CONSTRUCTION

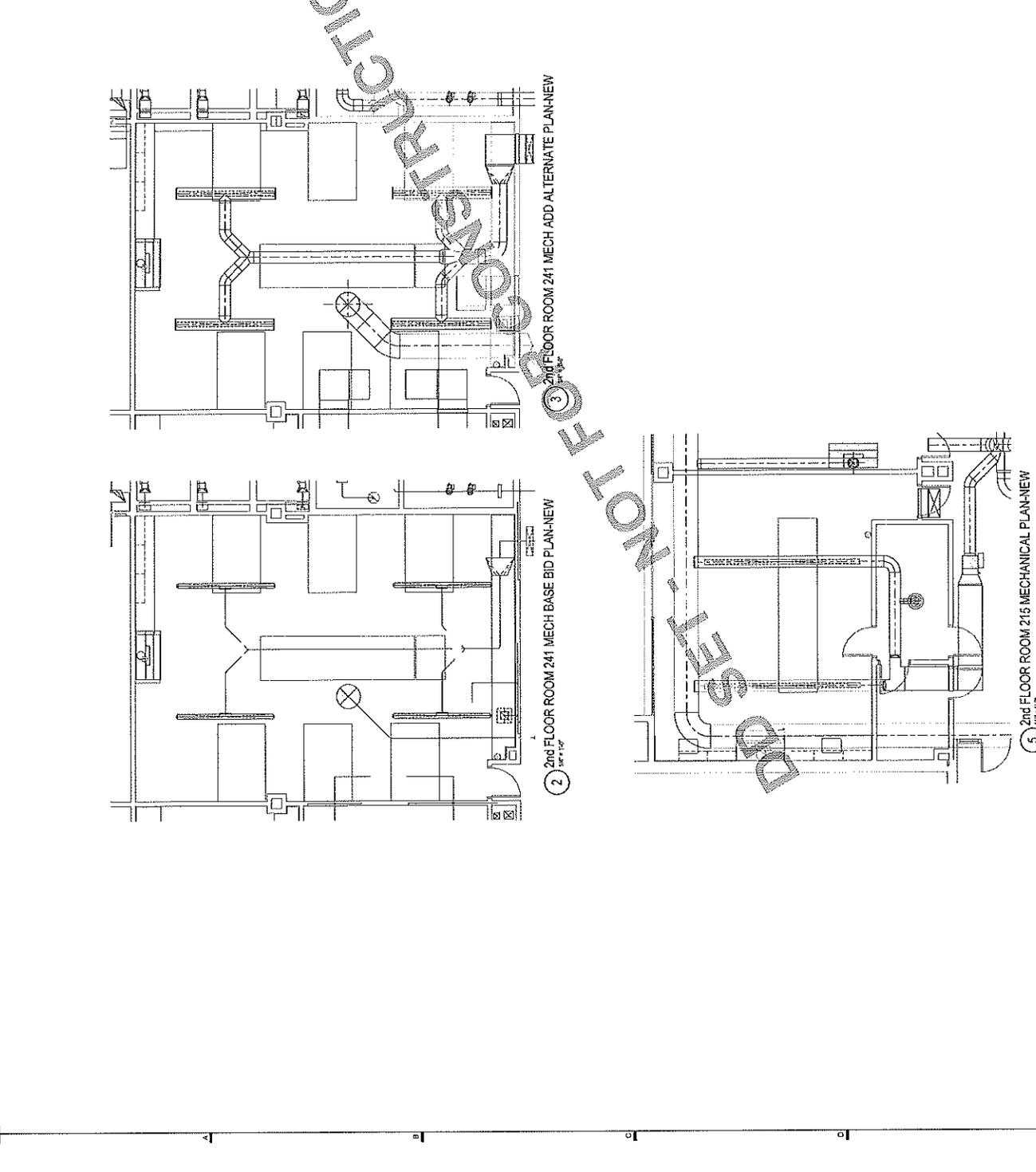
DD SET





MISCROVIE ENGINEERING, E.A.
 124 S. Broadway West
 Boise, Idaho 83725
 208.333.1000
 www.miscrovie.com

KEYED NOTES:
 1. MECH. ROOMS TO BE NEW



2 2nd FLOOR ROOM 241 MECH BASE BID PLAN-NEW
 10'0" x 10'0"

3 2nd FLOOR ROOM 241 MECH ADD ALTERNATE PLAN-NEW
 10'0" x 10'0"

5 2nd FLOOR ROOM 215 MECHANICAL PLAN-NEW
 8'0" x 10'0"

CITY APPROVAL AREA

LOMBARD CONRAD ARCHITECTS
 1000 W. GARDEN BLVD. SUITE 100
 BOISE, IDAHO 83725
 208.333.1000
 www.lombardconrad.com

Project Name
 215 WEST DANCE LINE
 BOISE, IDAHO

BOISE STATE UNIVERSITY



CONTRACT NO.:
 MECHANICAL / ELECTRICAL
 215 WEST DANCE LINE
 BOISE, IDAHO 83725

| | | |
|-------|------|-----|
| DATE: | REV: | BY: |
| | | |
| | | |

Project Number
 Project Name
 Project Location
 Project Status

2ND FLOOR
 ENLARGED
 MECHANICAL
 PLANS

DATE: 11/12
M1.12

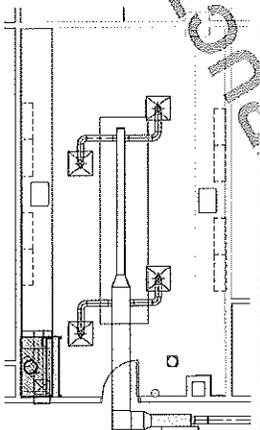


KEYED NOTES:
○ MECHANICAL EQUIPMENT

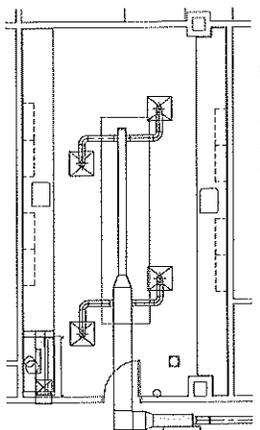


| | |
|-----------------|-------------------|
| DATE: | 08/14/2014 |
| PROJECT NUMBER: | 14-001 |
| DESIGNED BY: | MS |
| CHECKED BY: | MS |
| PROJECT STATUS: | ISSUED FOR PERMIT |

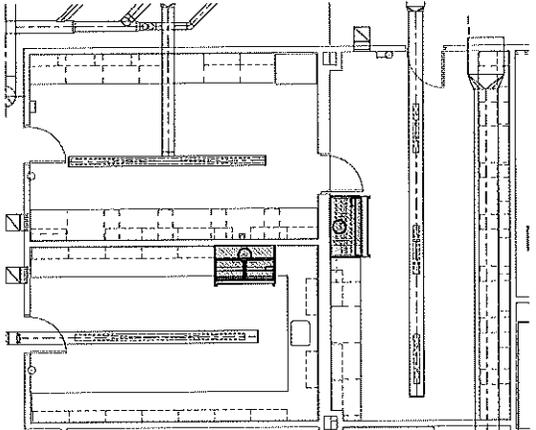
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|--|
| 2ND FLOOR ENLARGED MECHANICAL PLANS |
|--|



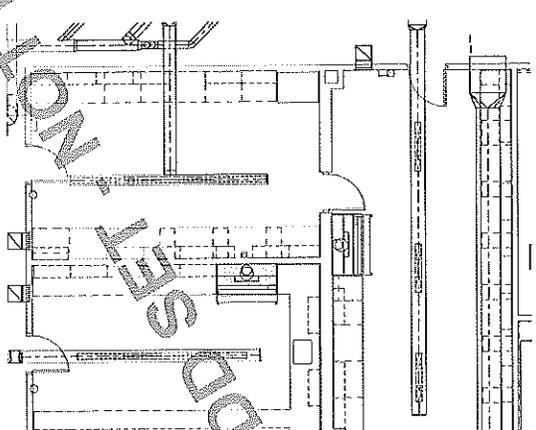
3 2nd FLOOR ROOM 243 MECH. ADD ALTERNATE PLAN-NEW
1/4" = 1'-0"



2 2nd FLOOR ROOM 243 MECH. BASE BID PLAN-NEW
1/4" = 1'-0"



6 2nd FLOOR ROOM 249 & 251 MECH. ADD ALTERNATE PLAN-NEW
1/4" = 1'-0"



5 2nd FLOOR ROOM 249 & 251 MECH. BASE BID PLAN-NEW
1/4" = 1'-0"

NOT FOR CONSTRUCTION

CITY APPROVAL AREA



MUSGROVE ENGINEERING, P.A.
 254 E. Washington Way
 Suite 200
 Boise, ID 83725
 Phone: (208) 333-2400
 Fax: (208) 333-2401
 www.musgroveeng.com



KEYED NOTES:
 O = MUSGROVE CONSULT

Project Name: **BOISE STATE UNIVERSITY**



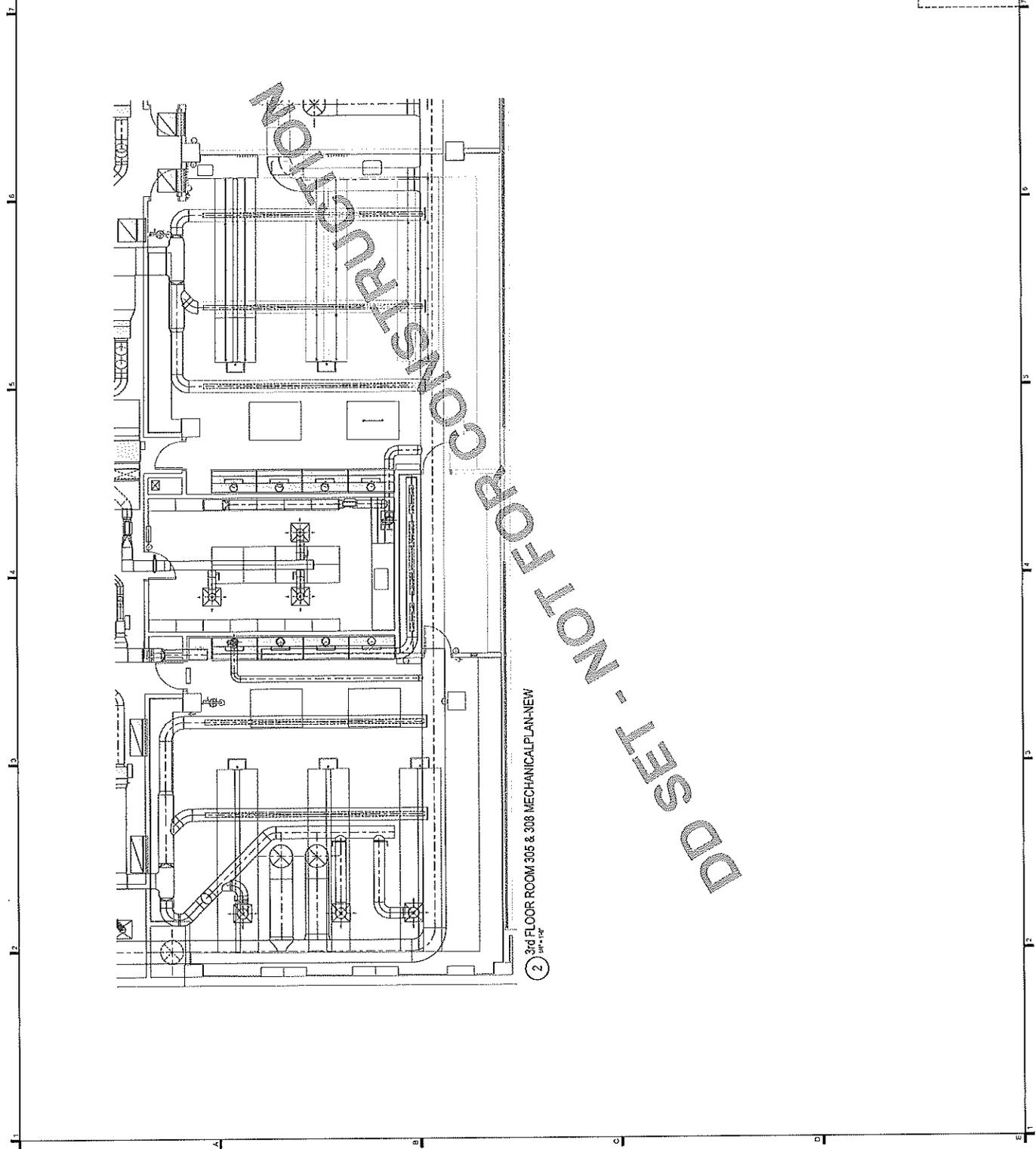
315 W. GARDNER CHURCH LANE
 BOISE, ID 83725

MECHANICAL, ELECTRICAL, PLUMBING
 214 S. WASHINGTON
 BOISE, ID 83725

Project Number: **M2.11**
 Project Name: **3RD FLOOR ENLARGED MECHANICAL PLANS**

3RD FLOOR ENLARGED MECHANICAL PLANS

SCALE: 1/8" = 1'-0"



2 3rd FLOOR ROOM 305 & 308 MECHANICAL PLAN-NEW
 1/8" = 1'-0"

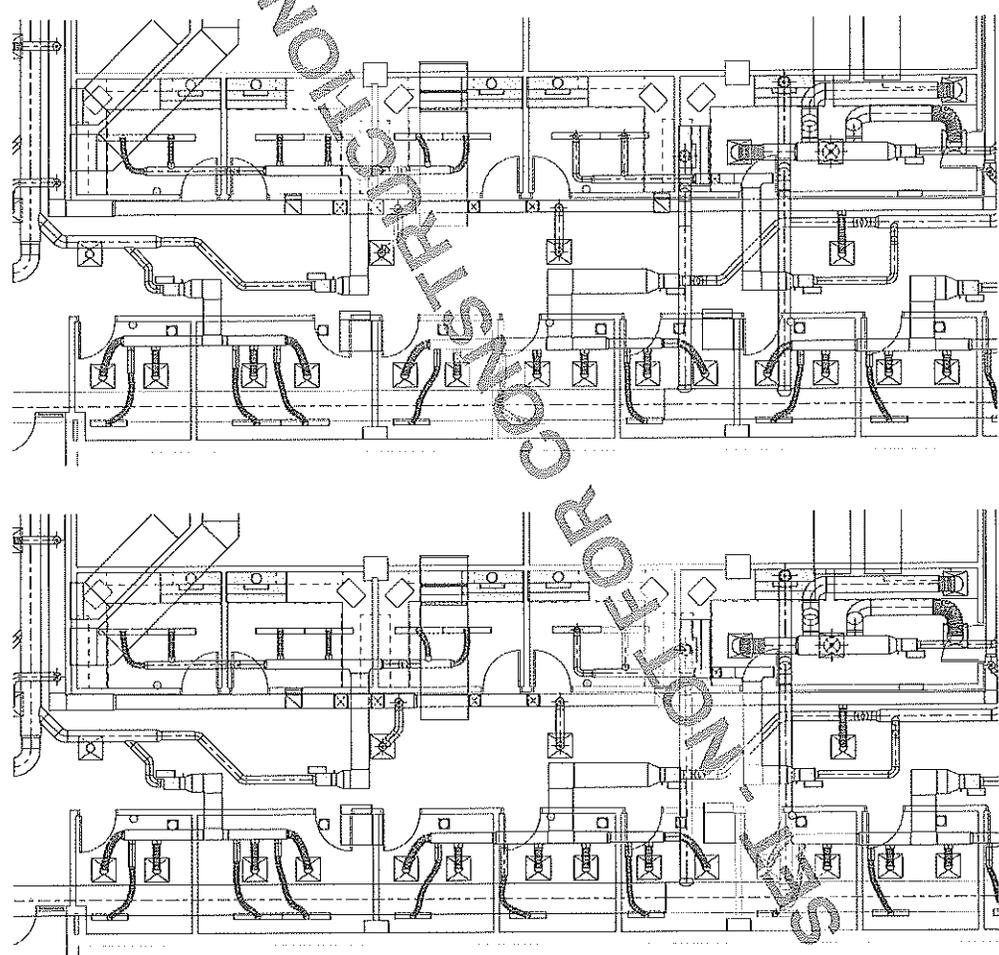
CITY APPROVAL AREA

**MUSGROVE
ENGINEERING, L.A.**

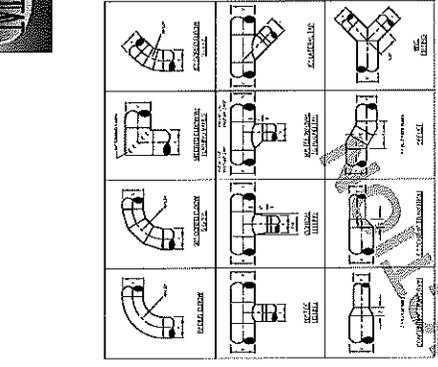
215 W. WASHINGTON ST.
BOISE, IDAHO 83725
PHONE: (208) 333-1111
WWW.MUSGROVEENGINEERING.COM



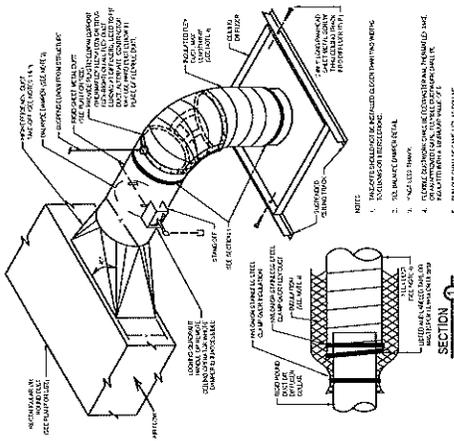
KEYED NOTES:
O = TO WALL, UNLESS NOTED OTHERWISE



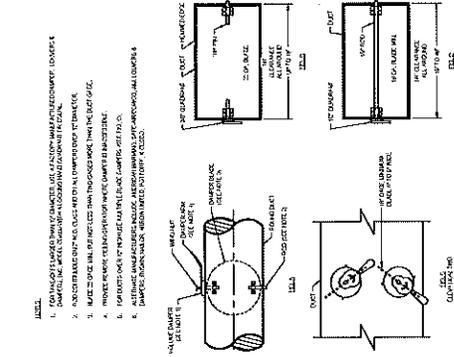
CITY APPROVAL AREA



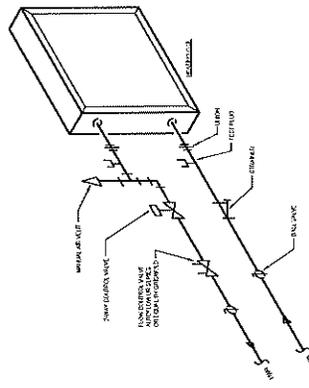
3 ROUND DUCT FITTING DETAILS



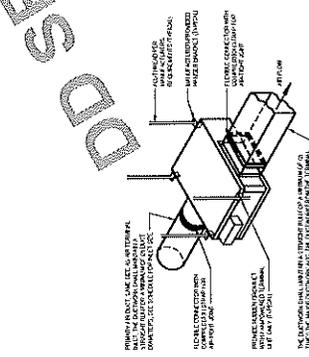
2 DUCT TAKEOFF DETAIL - HIGH EFFICIENT



1 BALANCE DAMPER DETAIL



5 HEATING COIL PIPING DETAIL



4 VAV TERMINAL UNIT INSTALLATION DETAIL

CITY APPROVAL AREA



**MUSCROVE
ENGINEERING, P.A.**
200 N. GARDEN ST.
BOISE, IDAHO 83725
PHONE: 208.333.1111
WWW.MUSCROVE.COM

KEYED NOTES:

- 1. PROJECT DEVELOPER
- 2. ARCHITECT
- 3. MECHANICAL ENGINEER
- 4. ELECTRICAL ENGINEER
- 5. PLUMBING ENGINEER
- 6. STRUCTURAL ENGINEER
- 7. CIVIL ENGINEER
- 8. LANDSCAPE ARCHITECT
- 9. HISTORIC PRESERVATION ARCHITECT
- 10. INTERIOR ARCHITECT
- 11. ENVIRONMENTAL ENGINEER
- 12. SPECIALTY CONTRACTOR
- 13. GENERAL CONTRACTOR
- 14. OWNER

Project Name

DATE OF REVISION: 01/15/2014

BOISE STATE UNIVERSITY



CONSULTANTS:
MUSCROVE ENGINEERING, P.A.
200 N. GARDEN ST.
BOISE, IDAHO 83725
PHONE: 208.333.1111
WWW.MUSCROVE.COM

DATE: 01/15/2014

PROJECT NO: 14-001

PROJECT NAME: 2ND FLOOR OVERALL MECHANICAL PLAN-DEMO

PROJECT LOCATION: 1910 W. GARDEN ST., BOISE, IDAHO 83725

PROJECT OWNER: BOISE STATE UNIVERSITY

PROJECT ARCHITECT: LOMBARD CONRAD ARCHITECTS

PROJECT ENGINEER: MUSCROVE ENGINEERING, P.A.

PROJECT MECHANICAL ENGINEER: MUSCROVE ENGINEERING, P.A.

PROJECT ELECTRICAL ENGINEER: MUSCROVE ENGINEERING, P.A.

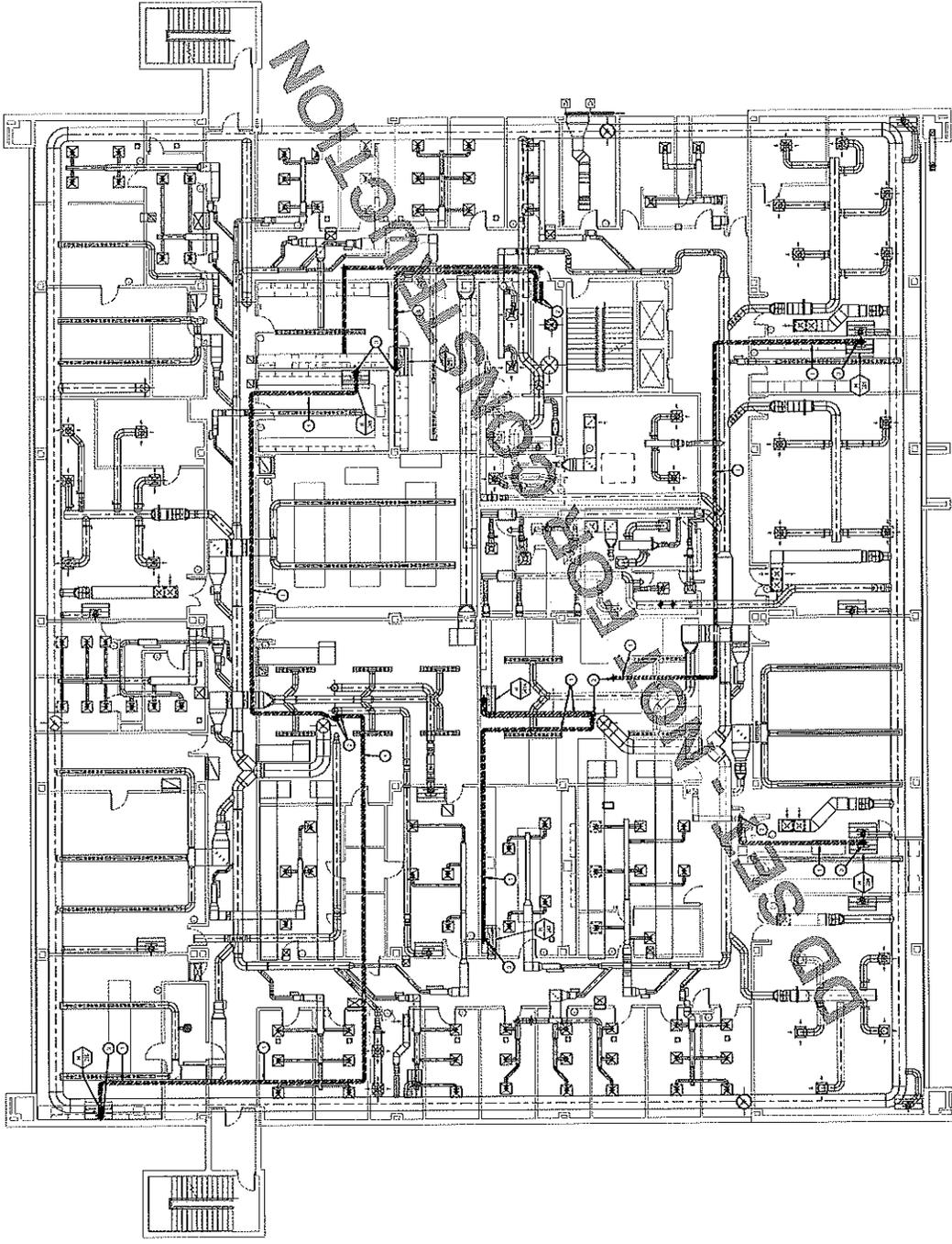
PROJECT PLUMBING ENGINEER: MUSCROVE ENGINEERING, P.A.

CITY APPROVAL AREA

2ND FLOOR
COMPOSITE
MECHANICAL
DEMO PLAN

PROJECT NO: 14-001

PROJECT NAME: 2ND FLOOR OVERALL MECHANICAL PLAN-DEMO



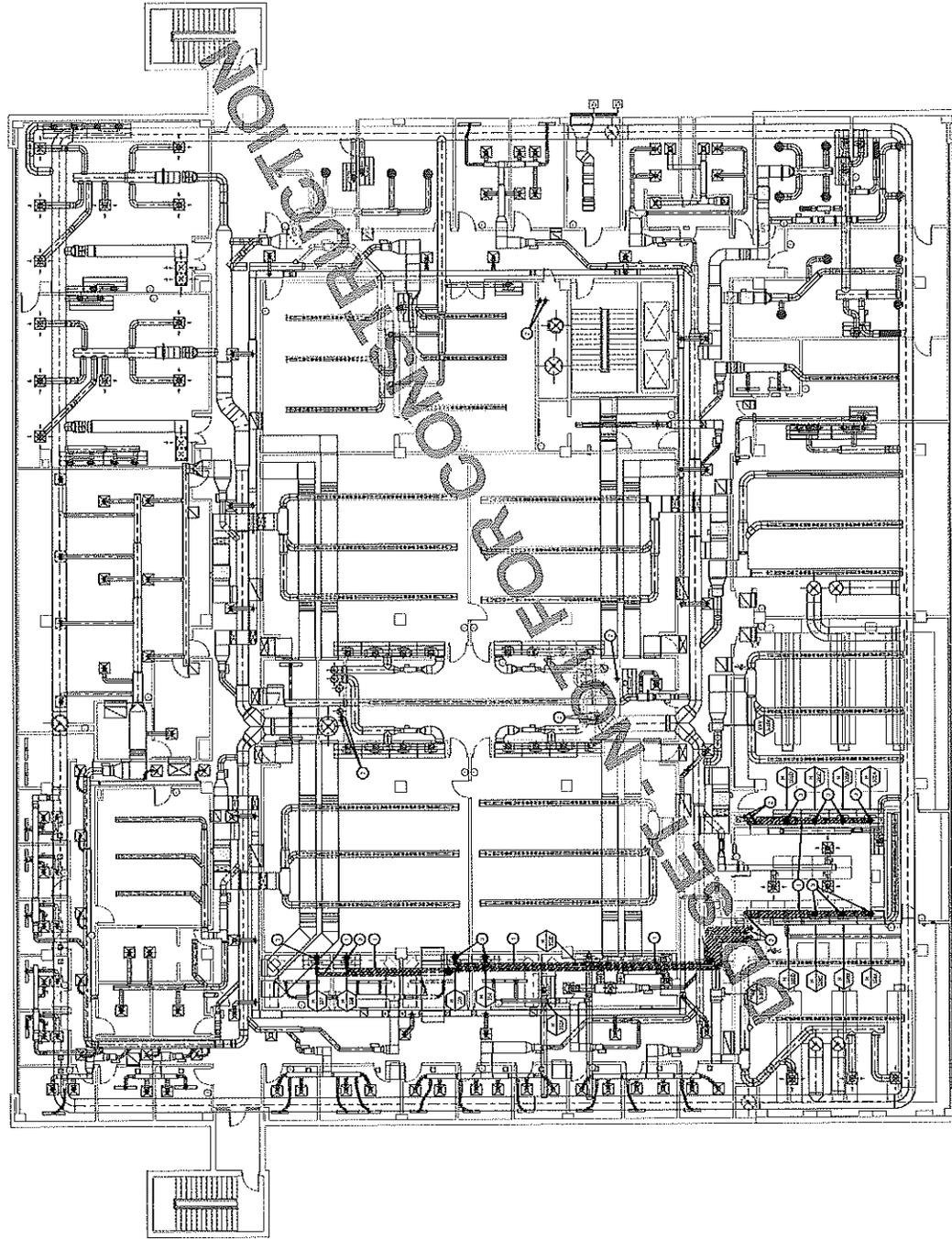
1 2ND FLOOR OVERALL MECHANICAL PLAN-DEMO
1/15/14

MD1.11



**MUSGROVE
ENGINEERING, P.A.**
214 W. WASHINGTON STREET
BOISE, ID 83725
208.333.2600

- KEYED NOTES:**
- 1. SHALL BE FOR DEMO
 - 2. REMOVE EXISTING MECHANICAL EQUIPMENT
 - 3. REMOVE EXISTING MECHANICAL EQUIPMENT AND ALL ASSOCIATED PIPING



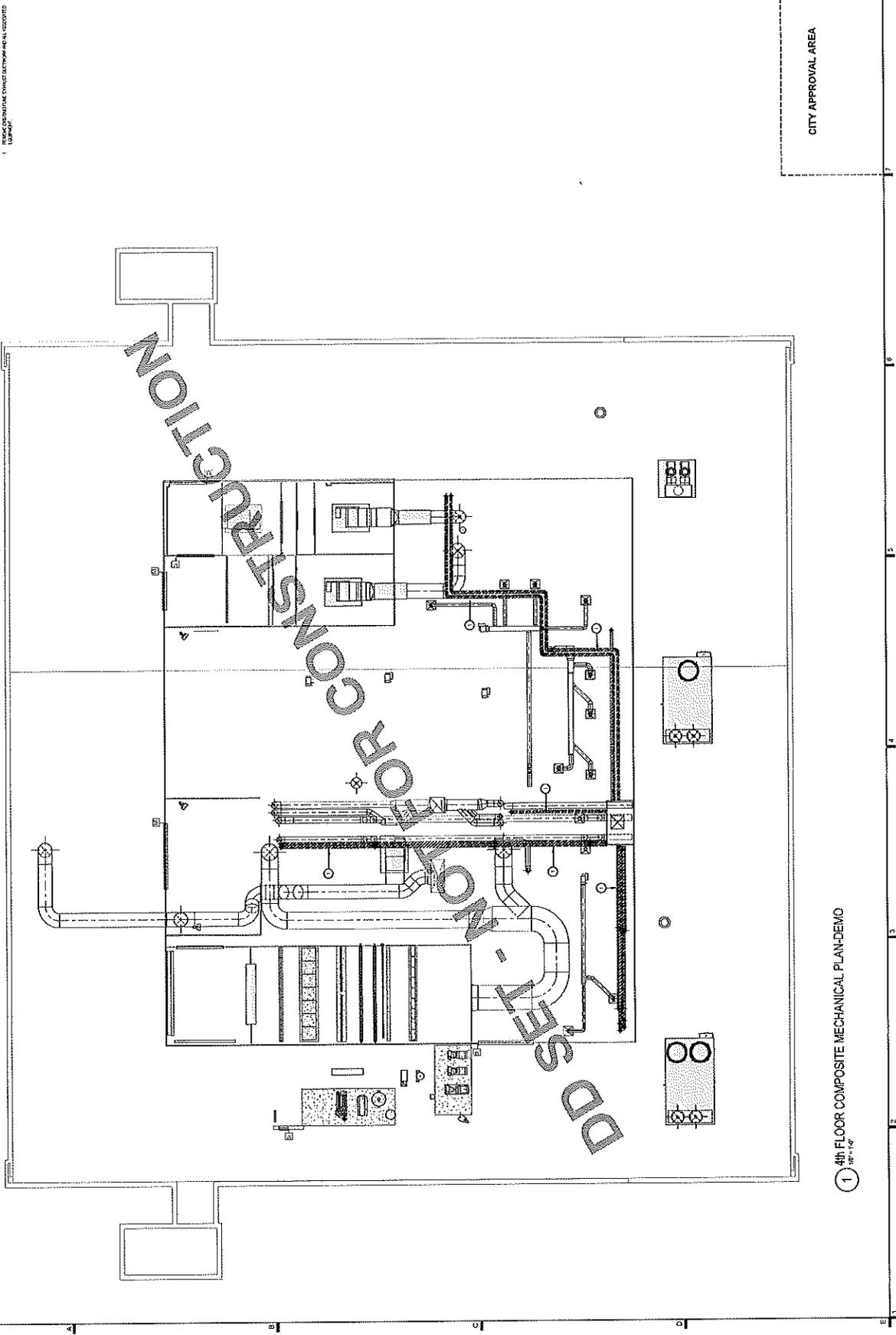
CITY APPROVAL AREA

1 3RD FLOOR OVERALL MECHANICAL PLAN-DEMO



MUSGROVE ENGINEERING PA
 200 N. Myrtle Street
 Boise, ID 83725
 Tel: 208.333.1111
 Fax: 208.333.1112
 www.musgroveeng.com

KEYED NOTES:
 1. DEMO FOR CONSTRUCTION



① 4TH FLOOR COMPOSITE MECHANICAL PLAN-DEMO
 1/8" = 1'-0"

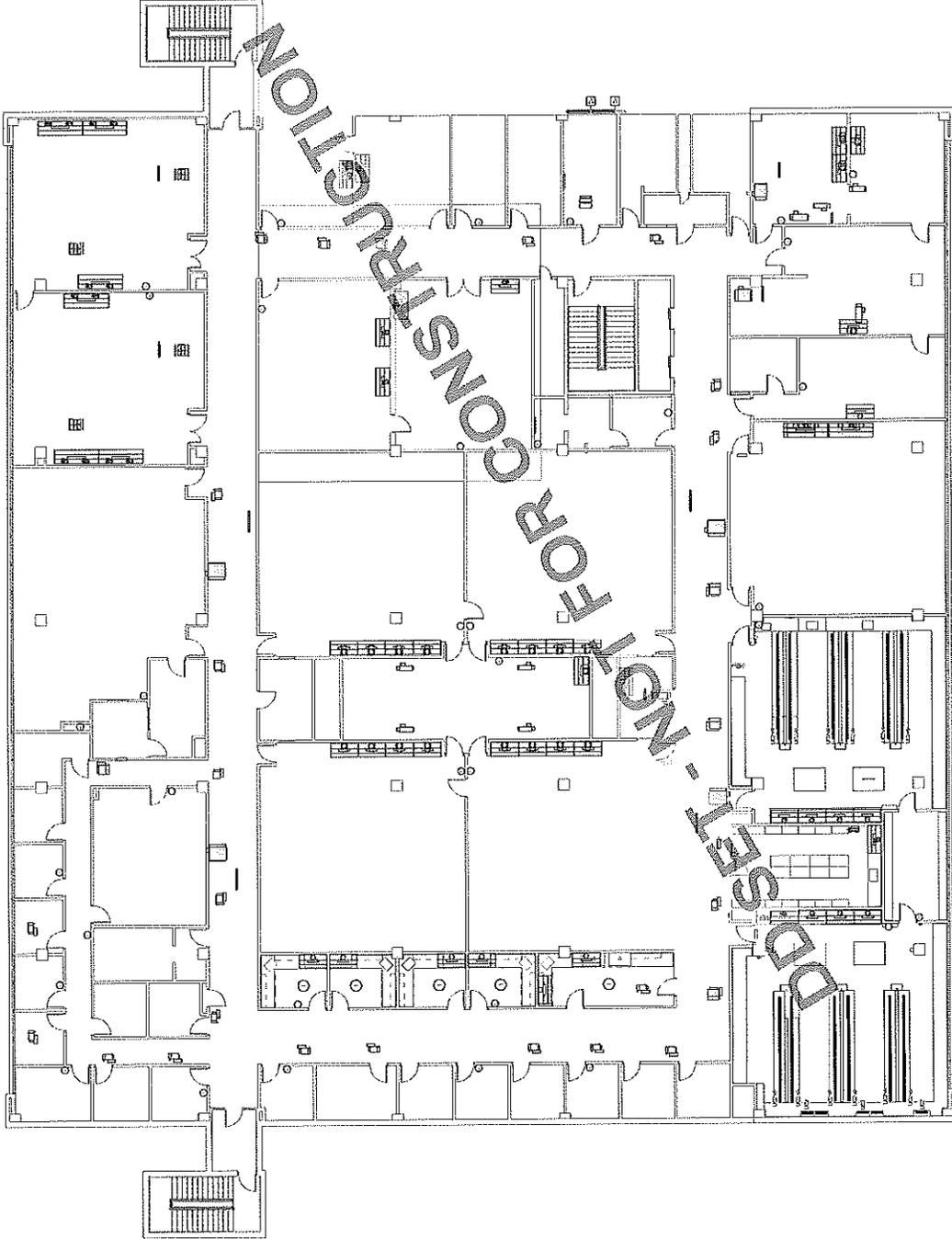
CITY APPROVAL AREA



**MUSCROVE
ENGINEERING, INC.**
200 N. Myrtle Street
Boise, ID 83725
Phone: (208) 333-1100
www.muscrove.com

KEYNOTES

1. ELECTRICAL SYMBOLS AND NOTATION ARE THE SAME AS SHOWN ON THE ELECTRICAL SYMBOLS AND NOTATION SHEET (ELECTRICAL SYMBOLS AND NOTATION SHEET) OF THE PROJECT MANUAL. THE PROJECT MANUAL IS THE GOVERNING DOCUMENT.



1 3rd FLOOR ELECTRICAL PLAN

CITY APPROVAL AREA



PROJECT NORTH



PRELIMINARY
NOT FOR CONSTRUCTION

2023 NW CHASE DRIVE, SUITE 100
BOISE, ID 83726

DPW NO. 21190
3RD FLOOR
BUILDINGS
REMODELS

BOISE STATE UNIVERSITY



CONSULTING ENGINEER
2023 NW CHASE DRIVE, SUITE 100
BOISE, ID 83726

| | |
|-------------|-------------------------------------|
| DATE: | 2023.07.10 |
| BY: | JK |
| CHECKED BY: | JK |
| PROJECT: | 3RD FLOOR ENLARGED ELECTRICAL PLANS |

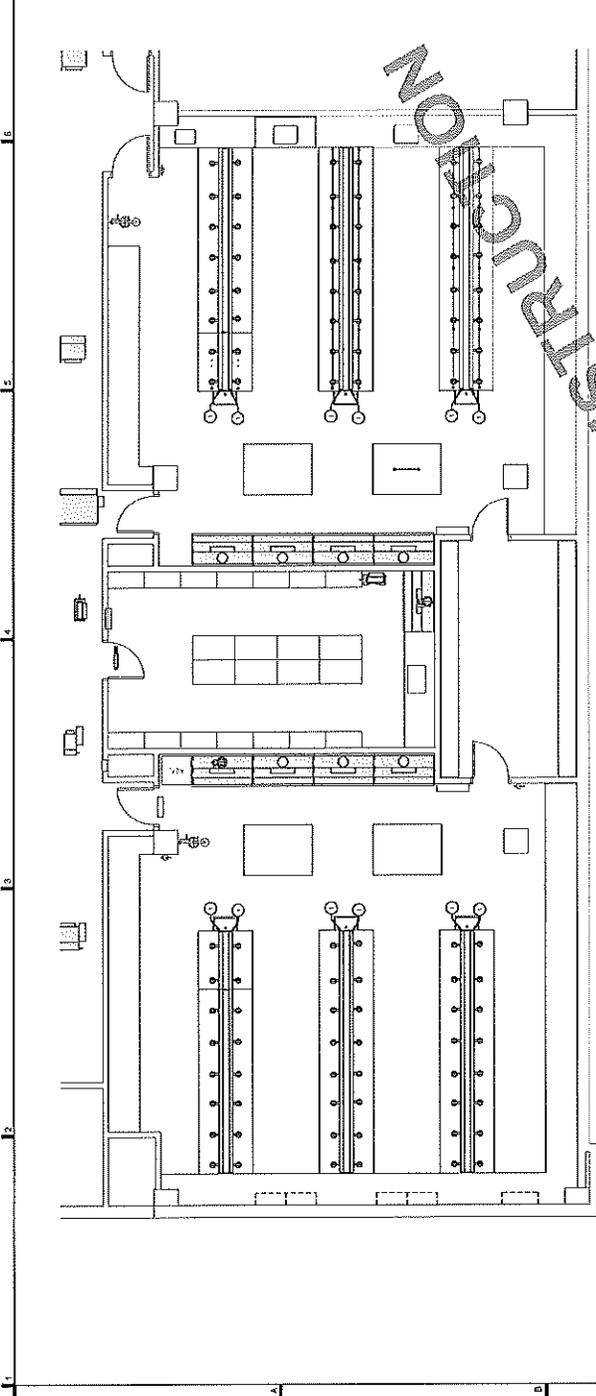
3RD FLOOR ENLARGED ELECTRICAL PLANS

Sheet No. E3.10

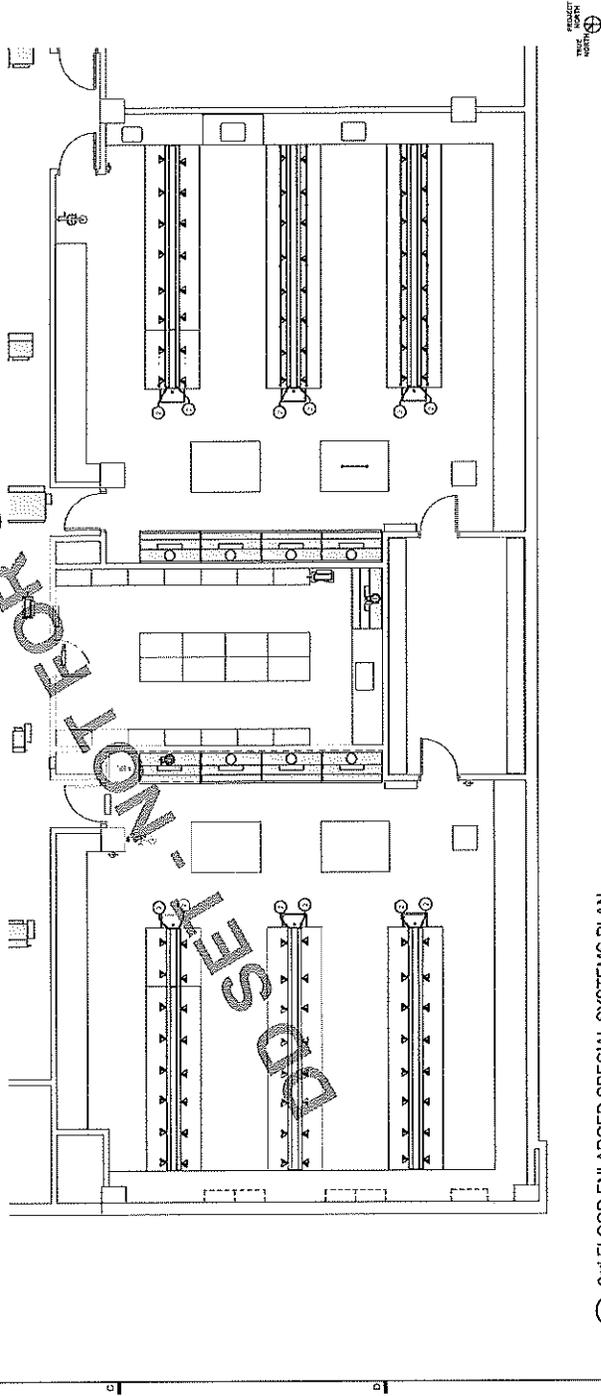
MUSGROVE ENGINEERING, P.A.
204 S. GARDEN WAY
BOISE, ID 83725
PHONE: 408.333.3333
FAX: 408.333.3333
WWW.MUSGROVEENGINEERING.COM

KEYNOTES

1. INDICATED LOCATIONS, CEILING, AND/OR WALLS ARE TO BE REMOVED TO ACCOMMODATE THE ENLARGED ELECTRICAL SYSTEMS.
2. ALL ELECTRICAL SYSTEMS TO BE INSTALLED IN ACCORDANCE WITH THE 2023 NATIONAL ELECTRICAL CODE (NEC) AND THE 2021 INTERNATIONAL CITY OF BOISE ELECTRICAL CODE (IBEC).



1 3rd FLOOR ENLARGED POWER PLAN



2 3rd FLOOR ENLARGED SPECIAL SYSTEMS PLAN

CITY APPROVAL AREA

